Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 19 Sep 2022 until 23:59 on Tuesday 20 Sep 2022

Forecast Issued on Sunday 18 Sep 2022 at 12:17

Confidence: High for the general evolution. Lower for extent and distribution of cloud, and the southward timing of an active weather front later in the week.

Headline for Monday 19 Sep 2022: Generally rather cloudy. Mostly dry morning, patchy light rain and drizzle developing later.

Mountain weather hazards on Monday 19 Sep 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Light rain	Light rain	Light rain	Light rain
Precipitation probability							
10%	10%	10%	<05%	30%	60%	60%	70%

Forecast for Monday 19 Sep 2022

Weather: Generally rather cloudy, limiting any brighter interludes. A mostly dry morning across the Park, although an isolated light shower remains possible. Cloud tending to thicken from the west later in the day, bringing an increasing chance of patchy rain and drizzle.

Chance of cloud-free hill tops above 600m: 40% at first, improving for a time to 90%, then gradually lowering again from late afternoon to around 10% by late evening.

Low cloud and visibility: Patchy cloud is likely at first above 500m, however this should readily lift to leave summits largely clear by the middle of the day with generally good visibility. Cloud is expected to lower again from later in the afternoon with fairly extensive poor or very poor visibility likely to develop above 300-400m through the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Monday 19 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/7 E	5/6 SE	4/6 SW	5/8 SW	8/12 W	10/14 W	9/13 W	8/11 W	7/10 W
300	4/6 SE	3/6 SE	3/4 SE	4/7 SW	6/10 W	7/12 W	7/12 W	5/8 W	5/8 W
Valley	3/7 SE	3/6 E	3/4 SE	3/6 SW	4/8 W	6/11 W	5/11 W	3/7 W	3/6 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/6	7/6	7/6	8/7	10/8	11/9	10/8	9/7	9/7
300	10/9	9/9	9/9	11/10	13/12	14/12	12/11	12/11	11/10
Valley	10/9	10/9	10/9	12/11	13/13	14/13	13/13	12/12	12/12
Freezing Level*	1900m	1900m	1900m	2000m	2100m	2200m	2300m	2400m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Increasingly extensive poor visibility is likely to develop into the evening across most summits making navigation difficult.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 18 Sep 2022	3.2mm	3.2mm	3.2mm

Forecast for Tuesday 20 Sep 2022

Weather: Cloud with occasional light rain and drizzle overnight and to start the morning. However, drier conditions should gradually develop through the morning into early afternoon, with some brighter spells developing later in the afternoon and evening.

Maximum wind: West 10mph.

Chance of cloud-free hill tops above 600m: Less than 10% at first, but gradually improving through the morning to become 90% or more by late afternoon.

Low cloud and visibility: Extensive cloud above 300m through the early hours and at first, with widely poor or very poor visibility. The cloud should gradually lift through the day with most summits becoming largely clear by late afternoon, and visibility improving to become generally good.

Temperature: **Valleys:** Plus 13 Celsius rising to Plus 17 Celsius.
At 600m: Plus 9 Celsius rising to Plus 12 Celsius
Freezing level: Above summits.

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